

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/010061

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01H85/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 215 479 A (ARAKI MAMORU ET AL) 1 June 1993 (1993-06-01) the whole document	1-4
X	EP 1 139 373 A (YAZAKI CORP) 4 October 2001 (2001-10-04) paragraphs '0035!, '0036!, '0040! - '0043!; figures	1-4
X	EP 1 130 616 A (PACIFIC ENGINEERING CORP) 5 September 2001, (2001-09-05) paragraphs '0016! - '0024!; figures 1-3	1-4
A	US 6 089 918 A (MORSE MARTIN GERARD ET AL) 18 July 2000 (2000-07-18) the whole document	1-4
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

19 October 2004

Date of mailing of the international search report

29/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 632 654 A (SUGIURA TOMOHIRO) 27 May 1997 (1997-05-27) column 3, line 65 - column 4, line 12; figures 1,5-7	1-4
A	US 2002/126462 A1 (CVELBAR RANDALL S ET AL) 12 September 2002 (2002-09-12) paragraphs '0024!, '0030!; figures 6-10	1-4

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Information on patent family members

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